

May 18, 2001

### **BEST AVAILABLE COPY**

Re: 08/558,544 (US 5,262,654)

Dear Examiner Mintel,

Attached are the requested litigation search results.

Several patent litigation and news databases were searched using Dialog, Lexis-Nexis and Questel-Orbit search systems.

No litigation cases were found that reference this patent number.

Thank you for using EIC2800!

Paul Schulwitz 308-6559 CP4-9C18

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1/39/1
DIALOG(R) File 345: Inpadoc/Fam. & Legal Stat
(c) 2001 EPO. All rts. reserv.
10678436
Basic Patent (No, Kind, Date): JP 4206969 A2 920728 < No. of Patents: 003>
Patent Family:
                                Applic No
                                            Kind Date
                Kind Date
   Patent No
                               JP 90339055
                                                 901130
               A2 920728
                                             Α
                                                         (BASIC)
   JP 4206969
                 B2 981216
                               JP 90339055 A
                                                 901130
   JP 2838318
                                                 911115
                 Α
                     931116
                               US 792936
                                            Α
   US 5262654
Priority Data (No, Kind, Date):
   JP 90339055 A 901130
PATENT FAMILY:
JAPAN (JP)
                         JP 4206969 A2 920728
 Patent (No, Kind, Date):
   IMAGE READER (English)
   Patent Assignee: SEMICONDUCTOR ENERGY LAB
   Author (Inventor): YAMAZAKI SHUNPEI
   Priority (No, Kind, Date): JP 90339055 A
   Applic (No, Kind, Date): JP 90339055 A
                                            901130
   IPC: * H01L-027/146; H01L-029/784; H01L-031/10; H01L-027/092
   Derwent WPI Acc No: ; G 92-297396
   JAPIO Reference No: ; 160542E000086
   Language of Document: Japanese
  Patent (No, Kind, Date): JP 2838318
                                    B2 981216
   Patent Assignee: HANDOTAI ENERGY KENKYUSHO
   Author (Inventor): YAMAZAKI SHUNPEI
                                              901130
   Priority (No, Kind, Date): JP 90339055 A
   Applic (No, Kind, Date): JP 90339055 A 901130
   IPC: * H01L-027/146
   Language of Document: Japanese
UNITED STATES OF AMERICA (US)
  Patent (No, Kind, Date): US 5262654 A
                                        931116
   DEVICE FOR READING AN IMAGE HAVING A COMMON SEMICONDUCTOR LAYER
      (English)
   Patent Assignee: SEMICONDUCTOR ENERGY LAB (JP)
   Author (Inventor): YAMAZAKI SHUNPEI (JP)
   Priority (No, Kind, Date): JP 90339055 A
   Applic (No, Kind, Date): US 792936 A 911115
   National Class: * 257053000; 257059000; 257292000; 257443000;
      257291000
    IPC: * H01L-027/14
    Derwent WPI Acc No: * G 92-297396
    JAPIO Reference No: * 160542E000086
   Language of Document: English
UNITED STATES OF AMERICA (US)
  Legal Status (No, Type, Date, Code, Text):
                                          PRIORITY (PATENT)
   US 5262654
                 P
                     901130 US AA
                              JP 90339055 A
                                              901130
                                          APPLICATION DATA (PATENT)
   US 5262654
                 Р
                      911115
                             US AE
                              (APPL. DATA (PATENT))
                             US 792936 A
                                            911115
                                         ASSIGNMENT OF ASSIGNOR'S
    US 5262654
                 Р
                      911115 US AS02
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INTEREST

SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, HASE, ATSUGI-SHI KANAGAWA-KEN, 24;

YAMAZAKI, SHINPEI : 19911111

US 5262654 Ρ 931116 US A PAT**ENT** 

960326 US RF REISSUE APPLICATION FILED US 5262654 Ρ

(REISSUE APPL. FILED)

951116

TI - (A) Device for reading an image having a common semiconductor layer PA - (A) SEMICONDUCTOR ENERGY LAB (JP) IN - (A) YAMAZAKI SHUNPEI (JP) - **us79293691 19911115** [1991**u**s-0792936] - JP33905590 19901130 [1990JP-0339055] IC - (A) H01L-027/14EC - H01L-027/12B - H01L-027/146P PCL - ORIGINAL (O): 257053000; CROSS-REFERENCE (X): 257059000 257291000 257292000 257443000 DT - Basic CT - US4827146; US4889983; US4906856; US4988631; US5032885; US5034794; US5043785; US5051803; US5097120 STG - (A) United States patent AB - A device for reading an image (an image reading device) according to this invention comprises therein at least one photoelectric conversion semiconductor device provided on a substrate and at least one thin film transistor circuit element provided on the substrate wherein said photoelectric conversion semiconductor device and said thin film transistor circuit element comprise semiconductor regions obtained from one semiconductor film provided on said substrate. The device for reading an image is produced by a process comprising the steps of: depositing a semiconductor material on a substrate; forming a photoelectric conversion semiconductor device on said substrate, a semiconductor region of said photoelectric conversion semiconductor device being made of said semiconductor material; and forming a thin film transistor on said substrate, a semiconductor region of said thin film transistor being made of said semiconductor material, wherein said thin film transistor constitutes an electric circuit required to read an image. 1/1 LGST - (C) LEGSTAT PN - US 5262654 [US5262654] AP - US 792936/91 19911115 [1991US-0792936]  $\mathtt{DT}$ - US-P ACT - 19911115 US/AE-A APPLICATION DATA (PATENT) {US 792936/91 19911115 [1991US-0792936]} - 19911115 US/AS02 ASSIGNMENT OF ASSIGNOR'S INTEREST SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, HASE, ATSUGI-SHI KANAGAWA-KEN, 24 \* YAMAZAKI, SHINPEI : 19911111 - 19931116 US/A PATENT - 19960326 US/RF REISSUE APPLICATION FILED 951116 UP - 1999-11

1/1 CRXX - (C) CLAIMS/RRX

1/1 PLUSPAT - (C) QUESTEL-ORBIT

PN - US5262654 A 19931116 [US5262654]

AN - 2417989

PN - 5,262,654 A 19931116 [US5262654]

PA - Semiconductor Energy Laboratory Co Ltd JP

PT - E (Electrical)

ACT - 19951116 REISSUE REQUESTED

Issue Date of O.G.: 19960326

Reissue Request Number: 08/558544

Examination Group responsible for Reissue process: 2508

UP - 1999-00

1/1 PAST - (C) PAST

AN - 199613-001091

PN - 5262654 A [US5262654]

DT - A (UTILITY)

OG - 1996-03-26

CO - REA

ACT - REISSUE APPLICATION FILED

SH - REISSUE APPLICATION FILED

Source: All Sources: Area of Law - By Topic: Patent Law: Patents: U.S. Patents: Utility Patents

Terms: patno is 5262654 (Edit Search)

Pat. No. 5,262,654, \*

5,262,654

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Nov. 16, 1993

Device for reading an image having a common semiconductor layer

REISSUE: Reissue Application filed Nov. 16, 1995 (O.G. Mar. 26, 1996) Ex. Gp.: 2508; Re.

S.N. 08/558,544

INVENTOR: Yamazaki, Shunpei, Tokyo, Japan

ASSIGNEE-AT-ISSUE: Semiconductor Energy Laboratory Co., Ltd., Kanagawa, Japan (03)

**APPL-NO:** 792,936

**FILED:** Nov. 15, 1991

**FOR-PRIOR:** 

Nov. 30, 1990 Japan 2-339055

**INT-CL:** [5] H01L 27#14

**US-CL:** 257#53; 257#59; 257#291; 257#292; 257#443;

**CL:** 257;

**SEARCH-FLD:** 257#59, 291, 292, 443, 446, 447, 458, 53, 55

**REF-CITED:** 

#### U.S. PATENT DOCUMENTS

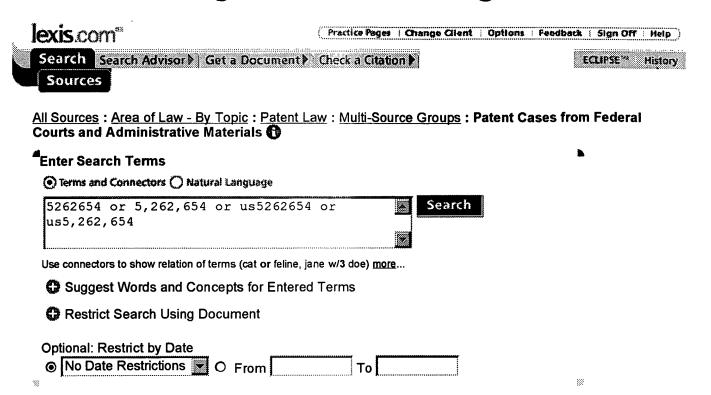
4,827,146	5/1989	* Ogawa et al.	257#291
4,889,983	12/1989	* Numano et al.	257#292
4,906,856	3/1990	* Iwanami et al.	257#291
4,988,631	1/1991	* Ogawa et al.	257#59
5,032,885	7/1991	* Shiga	257#458
5,034,794	7/1991	* Murotani	257#458
5,043,785	8/1991	* Mizutani et al.	. 257#443
5,051,803	9/1991	* Kitamura et al.	257#458
5,097,120	3/1992	* Kitamura et al.	257#458

PRIM-EXMR: Mintel, William

LEGAL-REP: Sixbey, Friedman, Leedom & Ferguson

**CORE TERMS:** semiconductor, film, silicon, region, photoelectric, substrate, conversion, impurity, n-type, p-type, thin film, layer, transistor, carrier, cluster, mobility, film-forming, electrode, oxide, amorphous, semiconductor device, sputtering, formation, crystal, semi-amorphous, photomask, grain, sensor, bond, hydrogen







#### No Documents Found

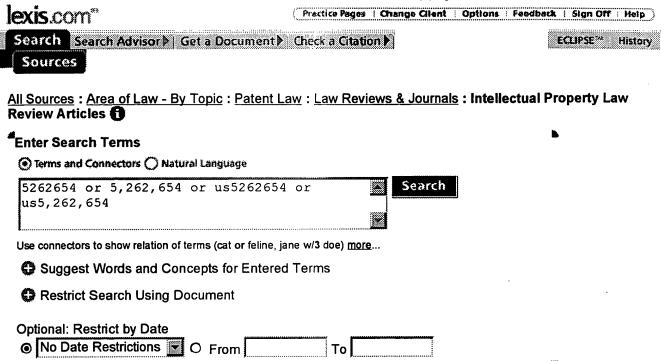
No documents were found for your search (5262654 or 5,262,654 or us5262654 or us5,262,654). Please edit your search and try again. You may want to try one or more of the following:

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- If applicable, look for all dates.

Edit Search

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#### \*No Documents Found

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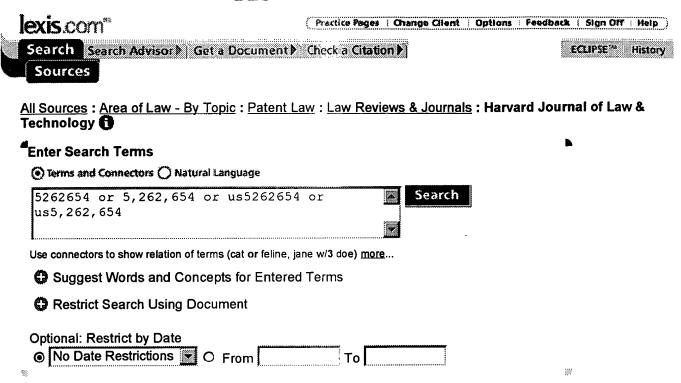
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http://www.lexis.com/research/zeroans?\_m=fee57b9a60fed08d45069b20c3c78832&docnum=1. 5/18/01



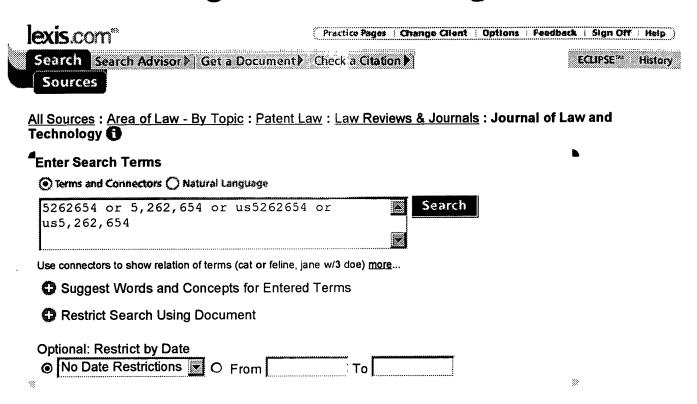


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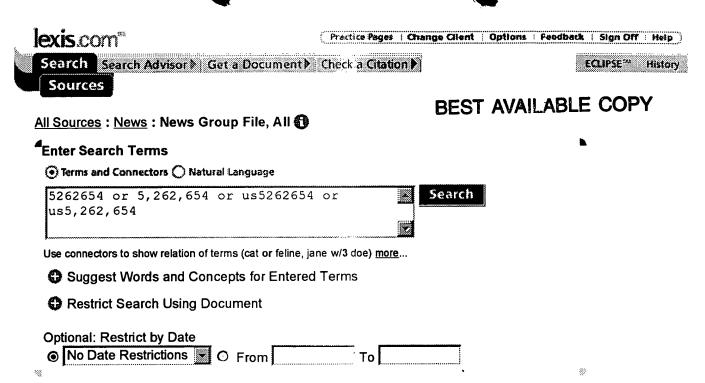
### \*No Documents Found

No documents were found for your search (5262654 or 5,262,654 or us5262654 or us5,262,654). Please edit your search and try again. You may want to try one or more of the following:

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Source: All Sources: News: News Group File, All

Terms: 5262654 or 5,262,654 or us5262654 or us5,262,654 (Edit Search)

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**ASAP** 

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October 12, 1987

**SECTION:** Vol. 113; Pg. 38; ISSN: 0007-2028

**LENGTH:** 646 words

**HEADLINE:** Taxing task: getting rid of Florida ad tax.

IAC-NUMBER: IAC 05262654

\_\_\_ Not referring to Pat. no.

Source: All Sources: News : News Group File, All

Terms: 5262654 or 5,262,654 or us5262654 or us5,262,654 (Edit Search)

View: KWIC ± 25

Date/Time: Friday, May 18, 2001 - 9:35 AM EDT

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